Cal-OSHA rule.

Threshold Limit Value

25 ppm TLV

instead of Fed. OSHA

100 ppm TLV

Form Approved Budget Bureau No. 44-R1387 Approval Expires April 30, 1971

U.S. DEPARTMENT OF LABOR

WORKPLACE STANDARDS ADMINISTRATION
Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET

JUN 14 1982

	SECTION I DPM 5				41	
MANUFACTURER'S NAME SOURCE OF DATA: DETREX CHEMIC	AT	rwn T	EMERGENCY TELEPHONI (319) 358-58			
ADDRESS (Number, Street, City, State, and ZIP Co. Box 501 Det	12)				1,41	
CHEMICAL NAME AND SYNONYMS	÷.	•	TRADE NAME AND SYNONYMS PERM A CLOR NA			
CHEMICAL FAMILY			FORMULA		g 1 to Park Park I	
Chlorinated Hyd	troce	urou.	CCL2 = CHCL			
SECTIÓ		1:02/0	DOUE INGREDIENTS			
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLY (Units)	
PIGMENTS	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	BASE METAL		(0,,,,,,,	
CAYALYST	-		ALLOYS	_	. 12.	
VEHICLE			METALLIC COATINGS			
SOLVENTS	100	100	FILLER METAL PLUS COATING OR CORE FLUX		1 19 1	
AGENTIVES			OTHERS		18 × 20	
OTHERS		***************************************				
MAZARDOUS MIXTURE	SOFO	THER LIQ		8	TLY (Units)	
		***************************************			1011137	
					Andrew 1	
The second second		MU. P	HYSICAL DATA 127			
GRANG POINT (FL)		188	SPECIFIC GRAVITY (H ₂ O=1)		L.li6	
APOR PRESSURE (mm Hg.)		58	PERCENT VOLATILE BY VOLUME (%)	3	LOO	
APOR DENSITY (AIR=1)		4.54	EVAPORATION RATE (etder =1)	- 1	.28	
Ofusility in water (less than 0.1%)	Neg	ligible			***************************************	
APPEARANCE AND ODOR Clear, colorle	38 l		ith characteristic mild ether	eal o	ior.	
		7.73				
SECTION IV	FIRE	E AND E	PLOSION HAZARD DATA			
None (Closed	Cup :	Method)	FLAMMABLE LIMITS Lei		Uel	
EXTINGUISHING MEDIA		Santon Core to UNI State of Core of French				
PECIAL FIRE FIGHTING PROCEDURES Note: In chlorinated solvent	deg	reasers	that clean aluminum producti	on, use	2	
only water to reduce the alum	inum	reacti	on, if and when that occurs.)	-		
INUSUAL FIRE AND EXPLOSION HAZARDS	ne o	on ha d	ecomposed by intense heat or			

		STATION V	JEAUTH HAVE			
THRESHOLD LIMIT VALUE	100 ppm	(520 mg/M ³)				
EFFECTS OF OVEREXPOSURE	Overexpo	sure may lea	d to slight	anesthetic	feeling, p	osśible
irritation to en fatigue, dizzin	res, nose	and throat.	Continued	exposure ca	n result i	n headaches,
EMERGENCY AND FIRST AID	PROCEDURES Move pat	ient to fres	h air and i	f unconsciou	ıs give art	ificial
respiration or should be remove a landin cream	oxygen. ed. the s	Any clothing kin allowed	that has b to air dry	een wet with completely a	the solve and then tr	nt liquid eated with
a lanolin cream with lukewarm w	. If lique ter for	mid has ente at least 1	red the eye minutes.	s it should	be immedia	tely flushed
				A STATE OF THE STA	A MARKET MARKET HE	THE STATE OF THE S

STABILITY	UNSTABLE .			CONDITION	s 10 AVOID elding, open	<u>Mames a</u>	nd infra	red	heaters.
	STABL	E	X		and the state of t				
INCOMPATABILIT	Y (Materials	to avoid) So	dium a	nd Potass	sium hydroxid	les and c	vanides		
HAZARDOUS DEC	OMPOSITION	PRODUCTS				_			
		HC	<u>L duri</u>	ng therma	al decomposit	<i>ion</i>			
MAZARDOUS POLYMERIZATION		MAY OCCUR	<u>L duri</u>	ng therma	conditions to				

SECTION VII SPILL OR LEAK PROCEDURES STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Avoid breathing high concentrations of the vapors and avoid contact of the liquid with the skin and clothing. Flush spilled areas with water. Be sure sufficient fresh air enters the area or it should be vacated. WASTE DISPOSAL METHOD Used solvent should be recovered by distillation. The residue from distillation may be incinerated, dry welled etc. Check local requirements.

the state of the s	and the second s	FORMATION .			
(Specify type) None necessary properly design	when the triced and onera	chloroethylene is u se d ted degreaser or machin	in a		
CAL EXHAUST	-	Tanks are to be compl	-outs:		
	or flushed with	i aired rater.			
PROTECTIVE GLOVES Normally not necessary (Neoprene) Normally not necessary (glasses/goggles					
OTHER PROTECTIVE EQUIPMENT When cleaning tanks never enter until safe or use air respirator. Use buddy system					
	CAL EXHAUST Ifficient to maintain TLV CHANICAL (General) VOID drafts over or at de necessary (Necoprene)	CALEXHAUST Ifficient to maintain TLV CHANICAL (General) VOID drafts over or at degreasers necessary (Necoprene) Mormally n Ment The tanks never enter until safe or use	recessary (Neoprene) Tanks are to be completed and condition or at degreasers EVE PROTECTION Normally not necessary (glasses/greater) Tanks are to be complete and condition or flushed with the condition of t		

	SECTION IX SPECIAL PRECAUTIONS	dy
PRECAUTIONS TO BE TAKEN IN HANG	Avoid spillage and leak causing accidents.	
OTHER PRECAUTIONS Avoid ST	pillage, repeated contact with the skin and prolonged	
breathin	ng of the vapors.	
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